

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Currently Amended) A portable telephone apparatus comprising:

an antenna for holding communication with a base station or a parent unit;

~~voice input means including a microphone;~~

~~voice output means including a speaker or a headphone;~~

~~operating means including operation keys and a display unit used by a user for operating the apparatus;~~

a telephone control means unit for modulating a voice signal received from the ~~voice input means~~ microphone and outputting the modulated signal to the antenna and demodulating a radio signal received through the antenna, to extract a demodulated ~~extracting~~ ~~and outputting the voice signal to the voice output means;~~

a chargeable battery for supplying power to the apparatus;

a storage means unit for storing a compressed music data;
and

a data restoration means unit for reading and expanding the data stored in the storage means unit, and reproducing a music signal from the expanded the data as a music signal and outputting the music signal to the voice output means; and

a mixing unit for mixing the demodulated voice signal with the reproduced music signal to produce a mixture signal that is output to the speaker.

Claims 2 and 3 (Canceled).

4. (Currently Amended) A portable telephone apparatus comprising:

an antenna for holding communication with a base station or a parent unit;

a voice input means unit including a microphone;

a voice output means unit including ~~as~~ a speaker or a headphone;

an operating means unit including keys and a display unit manipulated by a user operating the apparatus;

a telephone control means unit for modulating a ~~voice signal~~ ~~from the voice input means~~ first mixture signal and outputting the modulated signal to the antenna and demodulating a radio signal received through the antenna, ~~extracting and outputting~~ the to extract a demodulated voice signal;

a chargeable battery for supplying power to the apparatus;

a storage means unit for storing ~~a~~ compressed music data;

a data restoration means unit for reading and expanding the data stored in the storage means unit and reproducing a music signal from the expanded data as a music signal;

a first mixing means unit for mixing the a voice signal received from the voice input means unit with the reproduced music signal reproduced by the data restoration means and outputting a to produce the first mixture signal to the telephone control means; and

a second mixing means unit for mixing the demodulated voice signal demodulated by the telephone control means with the reproduced music signal reproduced by the data restoration means and outputting to produce a second mixture signal that is provided to the voice output means unit; wherein

a mixing ratio of the signals mixed in the first mixing means unit or the second mixing unit is changed by an operation of the operating means unit.

5. (Currently Amended) A portable telephone apparatus comprising:

an antenna for holding communication with a base station or a parent unit;

a voice input means unit including a microphone;

a voice output means unit including a speaker or a
headphone;

an operating means unit including keys and a display unit
manipulated by a user for operating the apparatus;

a telephone control means unit for modulating a ~~voice signal~~
~~from the voice input means~~ first mixture signal and outputting
the modulated signal to the antenna and demodulating a radio
signal received through the antenna, ~~extracting and outputting~~
~~the~~ to extract a demodulated voice signal;

a chargeable battery for supplying power to the apparatus;

a storage means unit for storing a compressed music data;

a data restoration means unit for reading and expanding the
data stored in the storage means unit and reproducing a music
signal from the expanded data as a music signal;

a first mixing means unit for mixing the a voice signal
received from the voice input means unit with the reproduced
music signal ~~reproduced by the data restoration means and~~
~~outputting a~~ to produce the first mixture signal to the telephone
~~control means~~;

a second mixing means unit for mixing the demodulated voice
signal ~~demodulated by the telephone control means~~ with the
reproduced music signal ~~reproduced by the data restoration means~~

~~and outputting to produce a second mixture signal that is~~
~~provided to the voice output means unit; and~~

a means unit for changing a mixing ratio of the signals
mixed in the first mixing means unit according to a busy mode
state of the telephone apparatus.

6. (Currently Amended) A portable telephone apparatus
comprising:

an antenna for holding communication with a base station or
a parent unit;

a voice input means unit including a microphone;

a voice output means unit including a speaker or a
headphone;

an operating means unit including keys and a display unit
manipulated by a user operating the apparatus;

a telephone control means unit for modulating a ~~voice signal~~
~~from the voice input means~~ first mixture signal and outputting
the modulated signal to the antenna and demodulating a radio
signal received through the antenna, ~~extracting and outputting~~
~~the~~ to extract a demodulated voice signal;

a chargeable battery for supplying power to the apparatus;

a storage means unit for storing a compressed music data;

a data restoration means unit for reading and expanding the data stored in the storage means unit and reproducing a music signal from the expanded data as a music signal;

a first mixing means unit for mixing the a voice signal received from the voice input means unit with the reproduced music signal reproduced by the data restoration means and outputting a to produce the first mixture signal to the telephone control means;

a second mixing means unit for mixing the demodulated voice signal demodulated by the telephone control means with the reproduced music signal reproduced by the data restoration means and outputting to produce a second mixture signal that is provided to the voice output means unit; and

a means unit for increasing a mixing ratio of the reproduced music signal in the first mixing means unit when a busy mode is suspended by the operating means unit.

Claims 7-13 (Canceled).

14. (Withdrawn) An audio apparatus comprising:

data compression means for compressing a music data into a format expandable by data restoration means through a conversion process corresponding to a recording scheme of at least one of a

plurality of audio media including CD, MD and a cassette tape;
and

communication means for downloading the compressed music data to a portable telephone apparatus having an interface with said communication means.

15. (Withdrawn) An audio apparatus comprising:

data compression means for compressing a music data into a format expandable by a data restoration means through a conversion process corresponding to a recording scheme of at least one of a plurality of audio media including CD, MD and a cassette tape;

removable storage means; and

means for writing the compressed music data into the removable storage means.

16. (Withdrawn) An audio apparatus comprising:

data compression means for compressing a music data into a format expandable by a data restoration means through a conversion process corresponding to a recording scheme of at least one of a plurality of audio media including CD, MD and a cassette tape; and

a power supply unit for charging a battery; wherein

the music data is downloaded while the battery is simultaneously charged.

17. (New) The portable telephone apparatus of claim 1 further comprising a music control unit that controls a variable mixing ratio of the reproduced music signal and the demodulated voice signal within the mixture signal.

18. (New) The portable telephone apparatus of claim 1 further comprising a music control unit that adjusts the volume of the mixture signal provided to the speaker in accordance with an operation of said operating unit.

19. (New) The portable telephone apparatus of claim 1 further comprising a music control unit that adjusts the volume of the mixture signal provided to the speaker in accordance with a busy mode state of the telephone apparatus.

20. (New) The portable telephone apparatus of claim 1 further comprising a wire, radio, or optical communication unit for downloading the compressed music data to the storage unit from an external source.

21. (New) The portable telephone apparatus of claim 20 wherein the communication unit provided bidirectional communication.

22. (New) The portable telephone apparatus of claim 1 wherein the storage unit is removable.

23. (New) The portable telephone apparatus of claim 1 wherein data related to the telephone apparatus including abbreviated dialing information and data including memo data, produced by an operation of the operating unit, as well as the compressed music data are read from and written to the storage unit.

24. (New) The portable telephone apparatus of claim 1 wherein the telephone control unit demodulates compressed music data, received in the radio signal arriving from the base station or the parent unit, to produce arriving compressed music data for storage in the storage unit.

25. (New) A portable telephone apparatus comprising:
an antenna for holding communication with a base station or a parent unit;

a microphone;

storage unit for storing compressed music data;

data restoration unit for reading and expanding the compressed music data stored in the storage unit and reproducing a music signal from the expanded data; and

mixing unit for mixing a voice signal received from the microphone with the reproduced music signal to produce a mixture signal; and

telephone control unit for modulating the mixture signal and outputting the modulated mixture signal to the antenna and demodulating a radio signal received through the antenna to extract a demodulated voice signal for output to a speaker.

26. (New) The portable telephone apparatus of claim 18 further comprising a music control unit that controls a variable mixing ratio of the reproduced music signal and the modulated voice signal within the mixture signal.